

### AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

#### Listing of Claims

1. (Previously presented) A method for stimulating bone formation and/or inhibiting bone resorption in humans or animals comprising the administration of a composition comprising oleuropein as active compound to a subject in need thereof suffering from a condition selected from the group consisting of type I or type II osteoporosis, secondary osteoporosis, Paget's disease, osteolysis observed at the vicinity of a prosthesis, periodontal disease, osteoarthritis, and osteopenia.
2. (Previously presented) The method according to claim 1, wherein the composition is a nutritional composition suitable for oral administration.
- 3.-6. (Cancelled)
7. (Currently amended) The method according to claim 2, wherein the subject in need thereof is suffering from ~~or might suffer from~~ a condition selected from the group consisting of type I or type II osteoporosis, and secondary osteoporosis.
8. (Previously presented) The method according to claim 2, wherein the nutritional composition is selected from the group consisting of food compositions and beverages.

9. (Previously presented) The method according to claim 2, wherein the nutritional composition is a product for animal feeding, in a wet, half-wet, or dry form.
10. (Previously presented) The method according to claim 2, wherein the oleuropein or derivative thereof is an extraction product from a plant belonging to the *Oleaceae* family.
11. (Previously presented) The method according to claim 10, wherein the extraction product is a product extracted from the stems, the leaves, the fruits or the stones of a plant belonging to the *Oleaceae* family.
12. (Previously presented) The method according to claim 10, wherein the plant belonging to the *Oleaceae* family is selected from the group consisting of *olea europaea*, a plant of genus *Ligustrum*, a plant of genus *Syringa*, a plant of genus *Fraxinus*, a plant of genus *Jasminum*, and a plant of genus *Osmanthus*.
13. (Previously presented) The method according to claim 10, wherein the extraction product is an olive oil or an oleuropein rich extract of olive oil or leaves.
14. (Previously presented) The method according to claim 2, wherein the nutritional composition is orally administered daily in an amount ranging from 0.01 to 200 mg of the oleuropein or derivative thereof.
15. (Cancelled)

16. (Previously presented) The method according to claim 1, wherein the composition is a human or animal pharmaceutical composition.

17.-21. (Cancelled)

22. (Previously presented) The method according to claim 16, wherein the pharmaceutical composition is in a suitable form for oral, parenteral, intramuscular or intravenous administration.

23. (Previously presented) The method according to claim 16, wherein the pharmaceutical composition is suitable for a daily oral administration in an amount ranging from 0.01 to 200 mg of the oleuropein or derivative thereof.

24. (Cancelled)

25. (Previously presented) The method according to claim 8, wherein the nutritional composition is selected from the group consisting of fruit juices, vegetable juices, oils, butters, margarines, vegetal fats, canned foods, soups, milk-based-foods, ice creams, cheeses, baked products, puddings, confectionary products, cereal bars, breakfast cereals, condiments, and seasoning products.

26. (Previously presented) The method according to claim 25, wherein the nutritional composition is selected from the group consisting of tuna fish in oil, yogurts, cottage cheese, oil-kept cheeses, bread, cookies and cakes, spices and dressings.